

We claim:

1. A method for supporting a network-based voice memo feature comprising:
  - maintaining a voice call between a mobile station and another communication device, the voice call having a forward link and reverse link;
  - monitoring the reverse link of the voice call;
  - detecting a first code transmitted on the reverse link by the mobile station;
  - opening a connection between the mobile station and a voice messaging system based on the first code;
  - recording voice data transmitted on the reverse link subsequent to the detection of the first code on the voice messaging system through the opened connection;
  - detecting a second code transmitted on the reverse link by the mobile station;
  - and,
  - terminating the connection between the mobile station and the voice messaging system based on the second code.
2. The method as set forth in claim 1 further comprising validating the mobile station.
3. The method as set forth in claim 1 further comprising identifying the recorded voice data as a voice mail message to be stored in a voice mailbox of a user of the mobile station.
4. The method as set forth in claim 1 further comprising identifying the recorded voice data as a recorded memo to be stored in a voice mailbox of a user of the mobile station.

5. The method as set forth in claim 1 wherein the opening of the connection comprises opening the connection between the mobile station and the voice messaging system through a voice memo control module and a voice handler.

6. A system for network-based voice memo feature comprising: ~

means for maintaining a voice call, the voice call having a forward link and reverse link between a mobile station and another communication device;

means for monitoring the reverse link of the voice call;

means for detecting a first code transmitted on the reverse link by the mobile station;

means for opening a connection between the mobile station and a voice messaging system based on the first code;

means for recording voice data transmitted on the reverse link subsequent to the detection of the first code on the voice messaging system through the opened connection;

means for detecting a second code transmitted on the reverse link by the mobile station; and,

means for terminating the connection between the mobile station and the voice messaging system based on the second code.

7. The system as set forth in claim 6 further comprising means for validating the mobile station.

8. The system as set forth in claim 6 further comprising means for identifying the recorded voice data as a voice mail message to be stored in a voice mailbox of a user of the mobile station.

9. The system as set forth in claim 6 further comprising means for identifying the recorded voice data as a recorded memo to be stored in a voice mailbox of a user of the mobile station.

10. The system as set forth in claim 6 wherein the connection comprises a first path from the mobile station to a voice memo control module and a second path from the voice memo control module to a voice handler.

11. A system for a network-based voice memo feature comprising:

a voice messaging system;

a switching component operative to maintain a voice call between a mobile station and another communication device, the voice call having a forward link and reverse link;

a control module within the switching component operative to 1) monitor the reverse link of the voice call, 2) detect a first code transmitted on the reverse link by the mobile station, 3) open a connection between the mobile station and the voice messaging system based on the first code, wherein the voice messaging system is operative to record voice data transmitted on the reverse link subsequent to the detection of the first code through the opened connection, 4) detect a second code transmitted on the reverse link by the mobile station, and 5) terminate the connection between the mobile station and the voice messaging system based on the second code.

12. The system as set forth in claim 11 wherein the control module is operative to validate the mobile station.

13. The system as set forth in claim 11 wherein the control module is further operative to identify the recorded voice data as a voice mail message to be stored in a voice mailbox of a user of the mobile station.

14. The system as set forth in claim 11 wherein the control module is further operative to identify the recorded voice data as a recorded memo to be stored in the a voice mailbox of a user of the mobile station.

15. The system as set forth in claim 11 wherein the connection comprises a first path from the mobile station to the control module and a second path from the control module to a voice handler.